

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120622\
 Data File : BF131534.D
 Acq On : 06 Dec 2022 18:55
 Operator : CG\JU
 Sample : N5793-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-40-SB01

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 12/07/2022
 Supervised By :Jagrut Upadhyay 12/07/2022

Quant Time: Dec 07 03:59:35 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 06 01:30:30 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.922	152	94058	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	346204	20.000	ng	# 0.00
39) Acenaphthene-d10	9.975	164	200776	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	391082	20.000	ng	0.00
76) Chrysene-d12	14.121	240	230229	20.000	ng	0.00
86) Perylene-d12	15.639	264	184466	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	655685	119.044	ng	0.02
7) Phenol-d6	6.545	99	706297	102.689	ng	0.00
23) Nitrobenzene-d5	7.492	82	541293	71.759	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	412487	180.432	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1335309	87.248	ng	0.00
79) Terphenyl-d14	13.069	244	1722692	112.999	ng	0.00
Target Compounds						
32) Benzoic acid	7.934	122	41140m	14.910	ng	Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

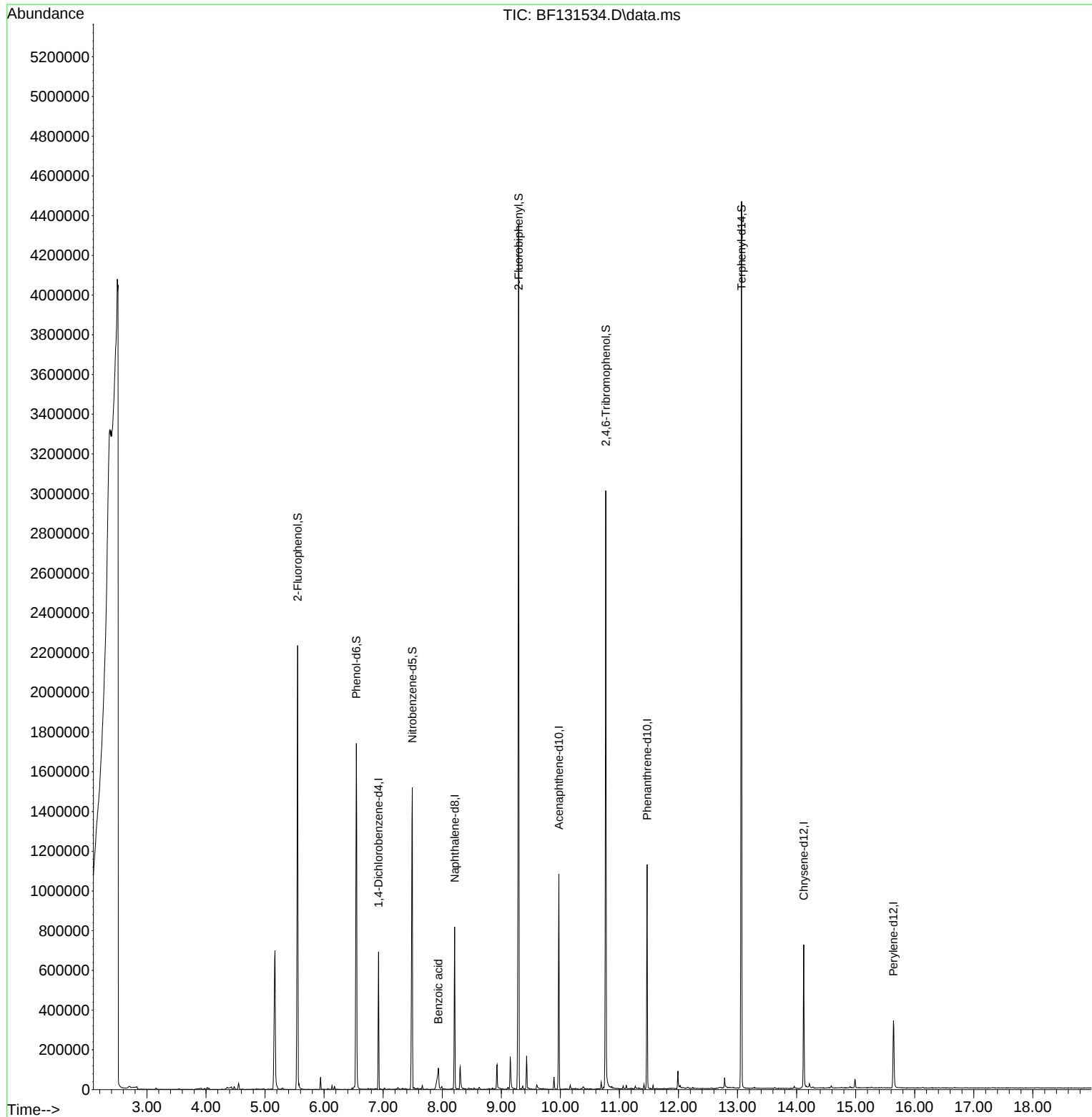
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120622\
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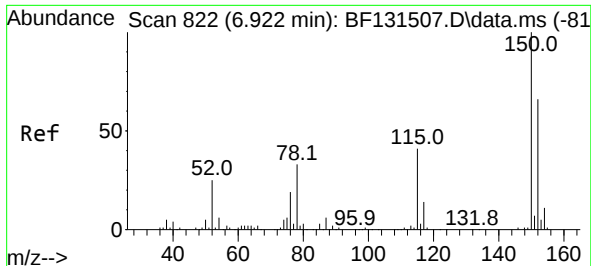
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Quant Time: Dec 07 03:59:35 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 06 01:30:30 2022
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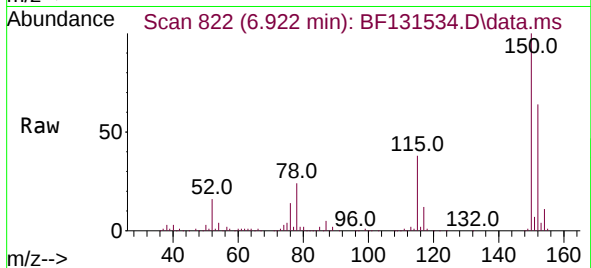
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.922 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131534.D
Acq: 06 Dec 2022 18:55

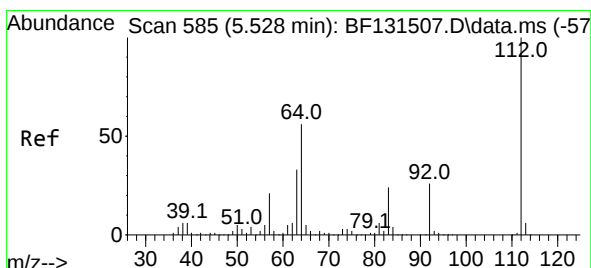
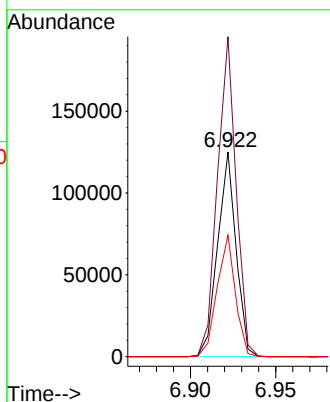
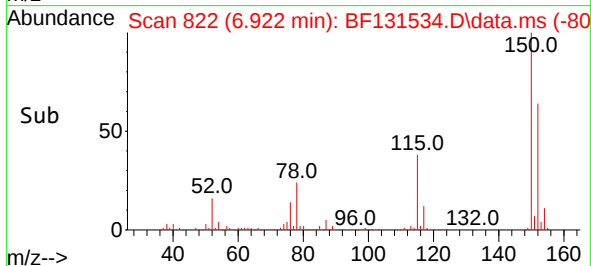
Instrument :
BNA_F
ClientSampleId :
B-40-SB01



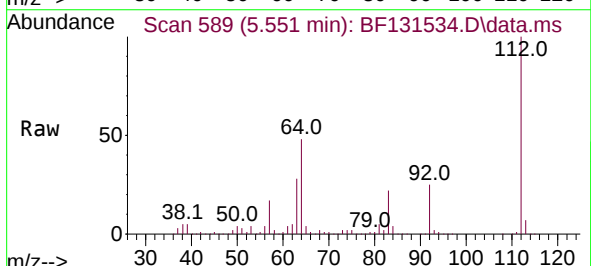
Tgt Ion:152 Resp: 94058
Ion Ratio Lower Upper
152 100
150 156.3 121.9 182.9
115 59.3 50.4 75.6

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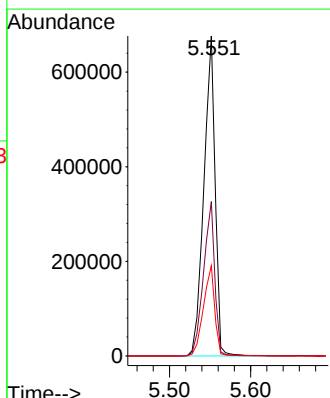
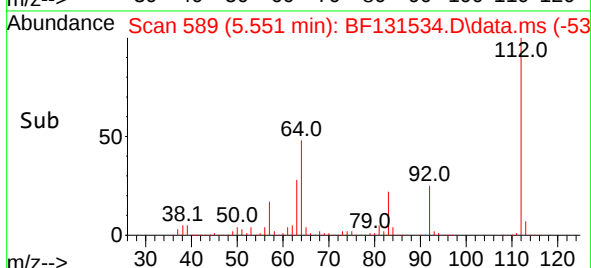
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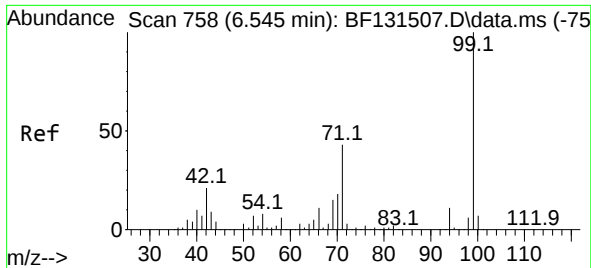


#5
2-Fluorophenol
Concen: 119.044 ng
RT: 5.551 min Scan# 589
Delta R.T. 0.024 min
Lab File: BF131534.D
Acq: 06 Dec 2022 18:55



Tgt Ion:112 Resp: 655685
Ion Ratio Lower Upper
112 100
64 48.2 44.5 66.7
63 28.2 26.7 40.1





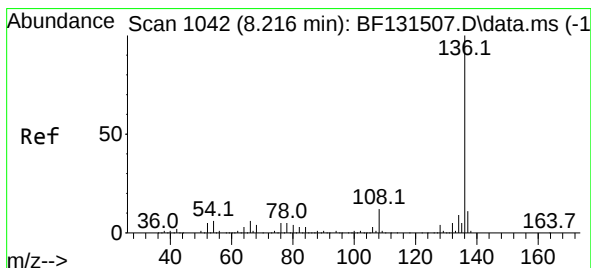
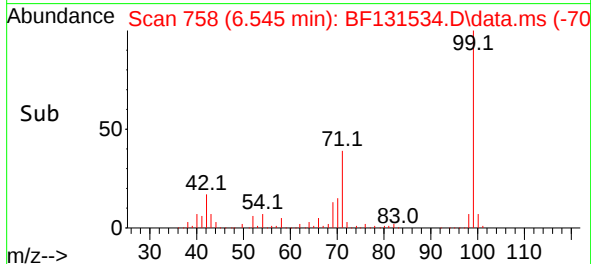
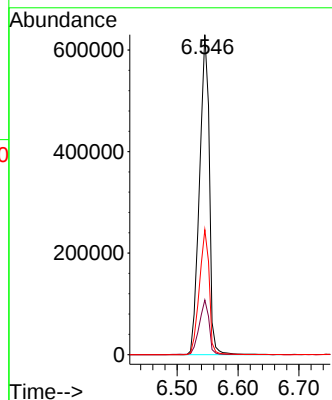
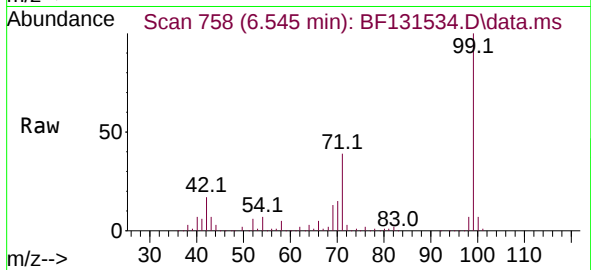
#7
Phenol-d6
Concen: 102.689 ng
RT: 6.545 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF131534.D
Acq: 06 Dec 2022 18:55

Instrument :
BNA_F
ClientSampleId :
B-40-SB01

Tgt Ion: 99 Resp: 706297
Ion Ratio Lower Upper
99 100
42 17.1 16.6 25.0
71 39.0 34.4 51.6

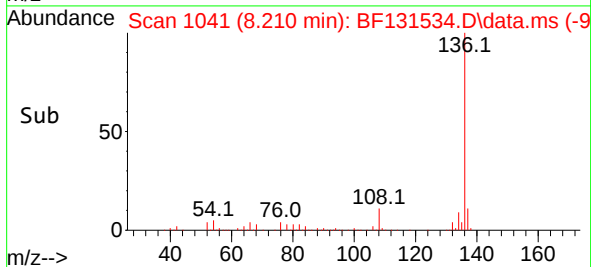
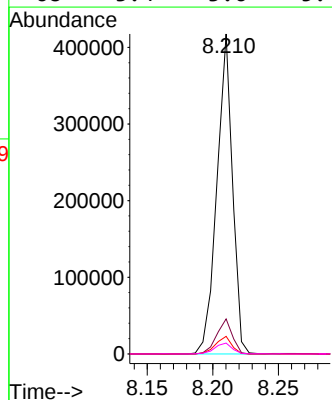
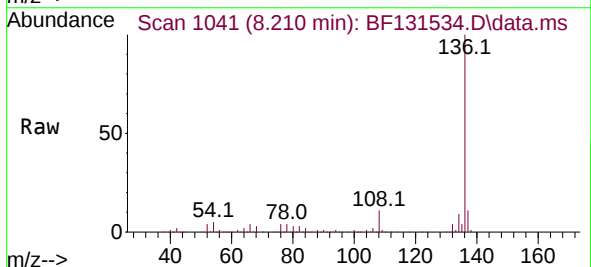
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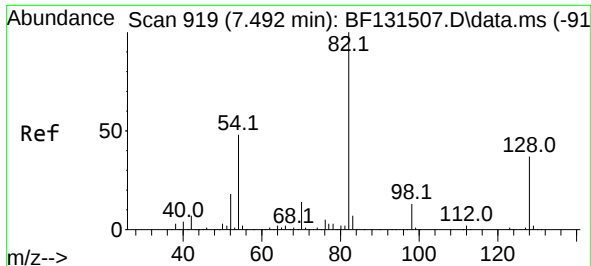
Reviewed By :Christian Giraldo 12/07/2022
Supervised By :Jagrut Upadhyay 12/07/2022



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF131534.D
Acq: 06 Dec 2022 18:55

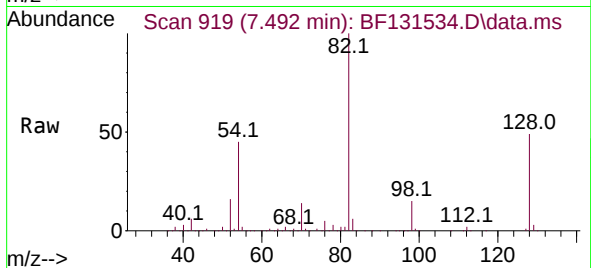
Tgt Ion:136 Resp: 346204
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 5.5 5.0 7.6
68 3.4 3.6 5.4#





#23
Nitrobenzene-d5
Concen: 71.759 ng
RT: 7.492 min Scan# 919
Delta R.T. 0.000 min
Lab File: BF131534.D
Acq: 06 Dec 2022 18:55

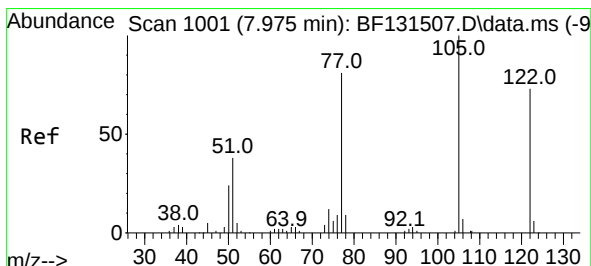
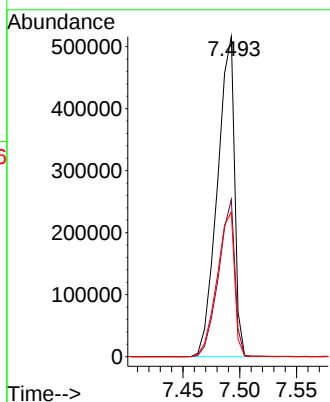
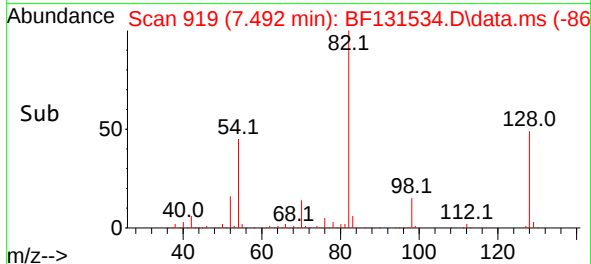
Instrument :
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Tgt Ion: 82 Resp: 541293
Ion Ratio Lower Upper
82 100
128 49.1 29.7 44.5
54 45.1 38.7 58.1

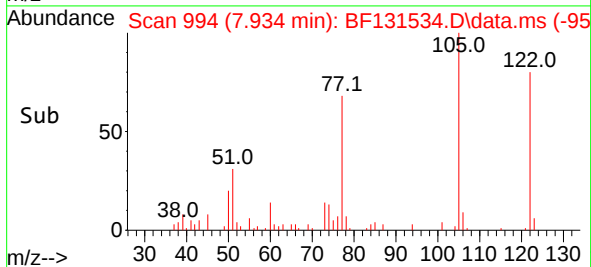
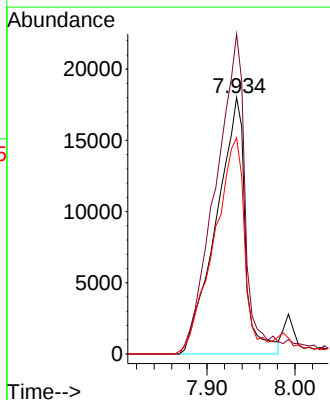
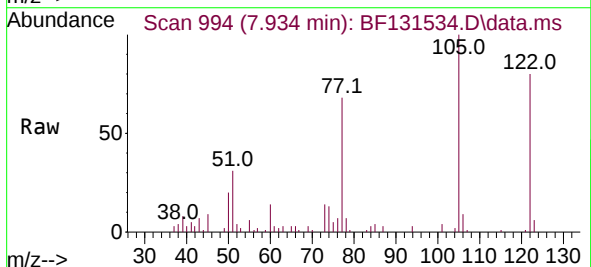
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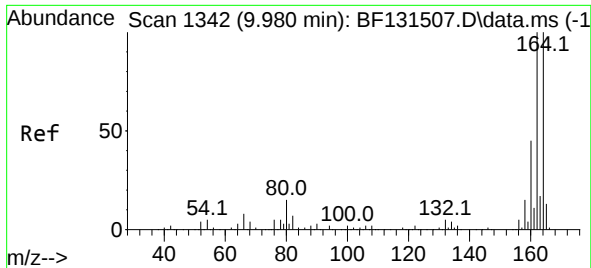
Reviewed By :Christian Giraldo 12/07/2022
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#32
Benzoic acid
Concen: 14.910 ng m
RT: 7.934 min Scan# 994
Delta R.T. -0.041 min
Lab File: BF131534.D
Acq: 06 Dec 2022 18:55

Tgt Ion:122 Resp: 41140
Ion Ratio Lower Upper
122 100
105 124.8 114.0 154.0
77 84.3 90.3 130.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.975 min Scan# 1341

Delta R.T. -0.005 min

Lab File: BF131534.D

Acq: 06 Dec 2022 18:55

Instrument :

BNA_F

ClientSampleId :

B-40-SB01

Tgt Ion:164 Resp: 200776

Ion Ratio Lower Upper

164 100

162 102.2 80.1 120.1

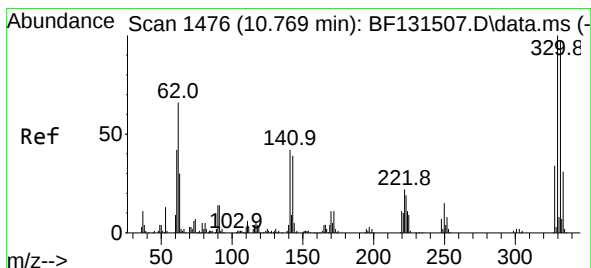
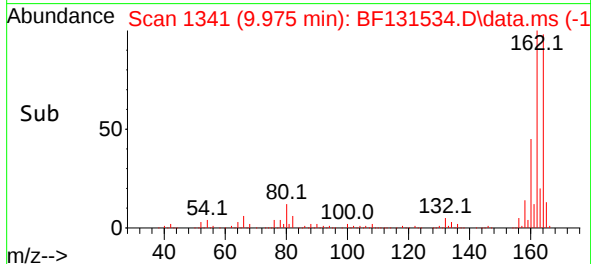
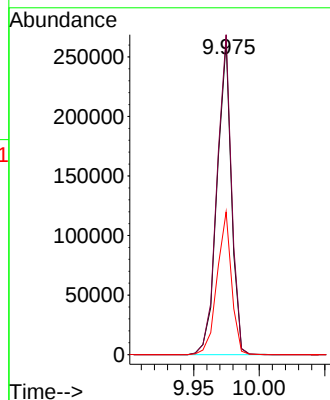
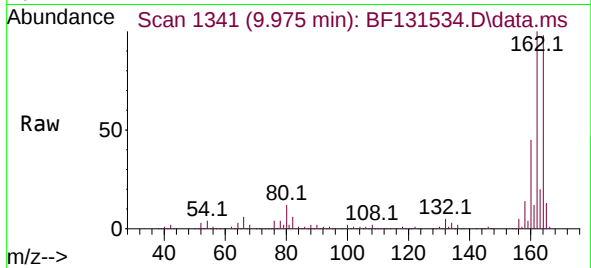
160 45.6 36.4 54.6

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#42

2,4,6-Tribromophenol

Concen: 180.432 ng

RT: 10.769 min Scan# 1476

Delta R.T. -0.000 min

Lab File: BF131534.D

Acq: 06 Dec 2022 18:55

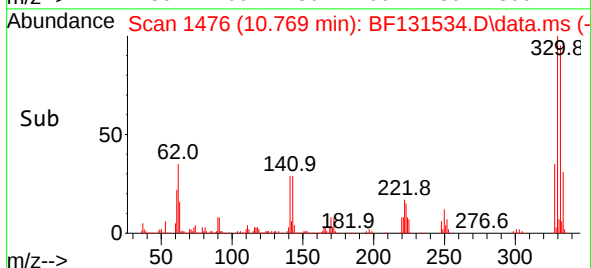
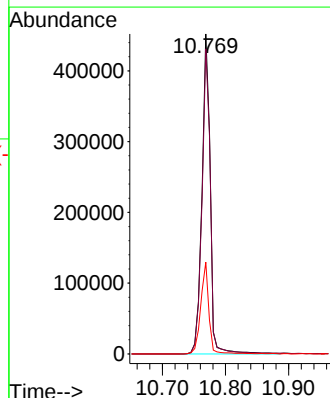
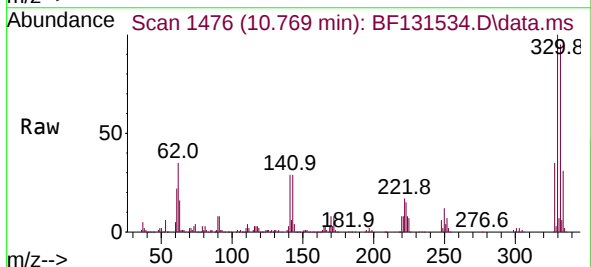
Tgt Ion:330 Resp: 412487

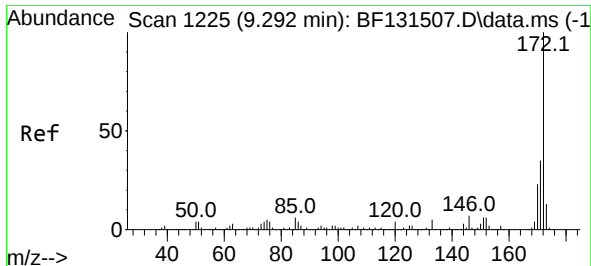
Ion Ratio Lower Upper

330 100

332 96.6 78.2 117.2

141 28.2 29.1 43.7#





#45

2-Fluorobiphenyl

Concen: 87.248 ng

RT: 9.292 min Scan# 1225

Delta R.T. 0.000 min

Lab File: BF131534.D

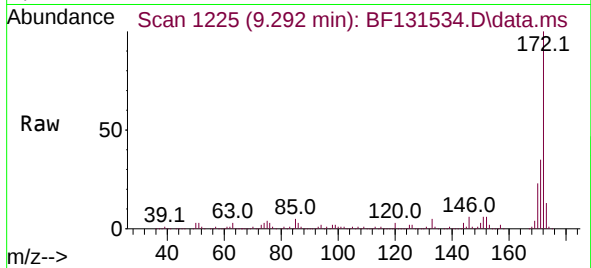
Acq: 06 Dec 2022 18:55

Instrument :

BNA_F

ClientSampleId :

B-40-SB01



Tgt Ion:172 Resp: 1335309

Ion Ratio Lower Upper

172 100

171 35.4 27.8 41.8

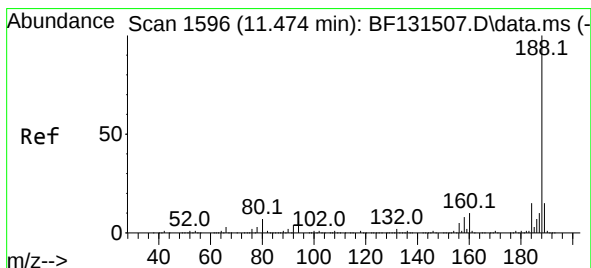
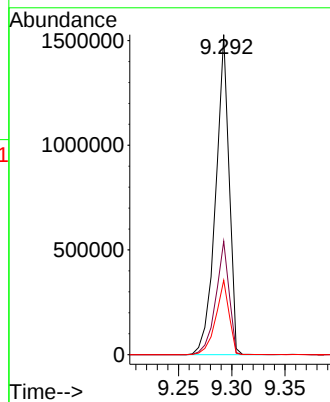
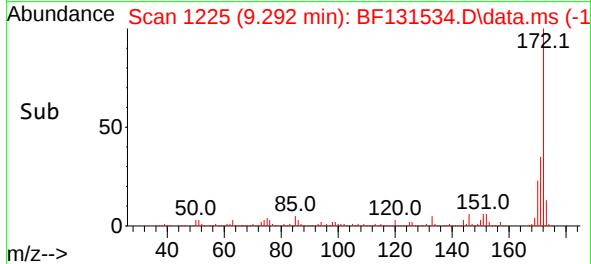
170 23.2 18.7 28.1

Manual Integrations

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#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.469 min Scan# 1595

Delta R.T. -0.006 min

Lab File: BF131534.D

Acq: 06 Dec 2022 18:55

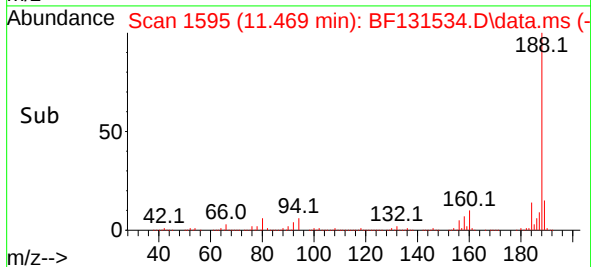
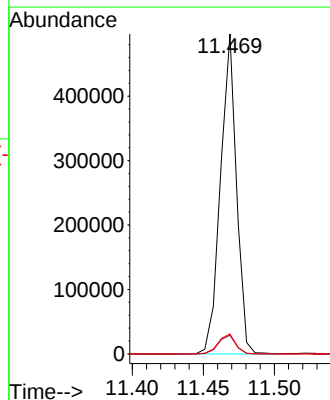
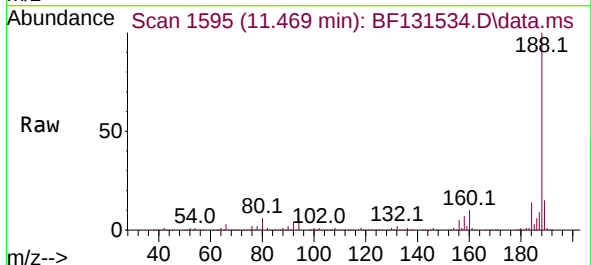
Tgt Ion:188 Resp: 391082

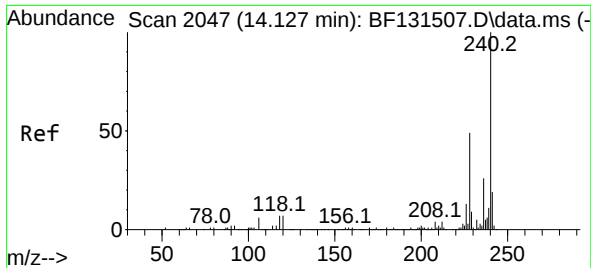
Ion Ratio Lower Upper

188 100

94 5.8 5.1 7.7

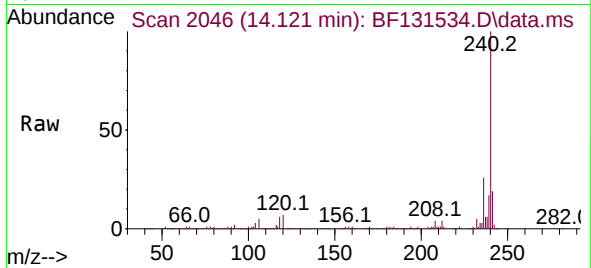
80 6.2 5.9 8.9





#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2046
Delta R.T. -0.006 min
Lab File: BF131534.D
Acq: 06 Dec 2022 18:55

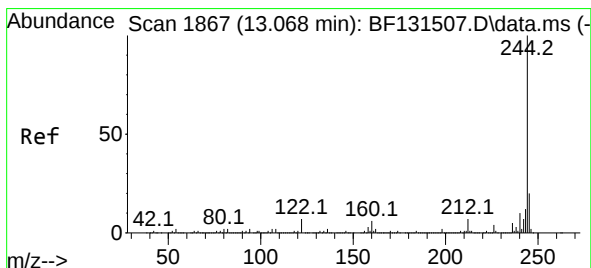
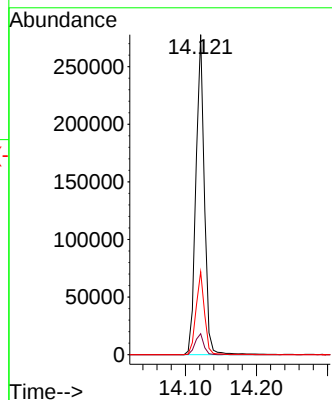
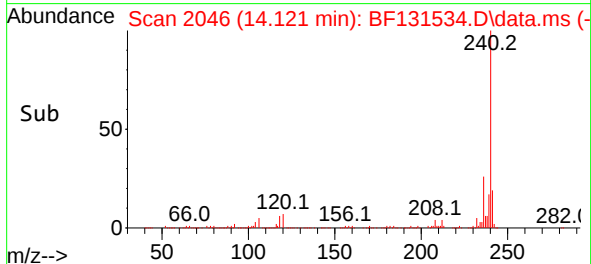
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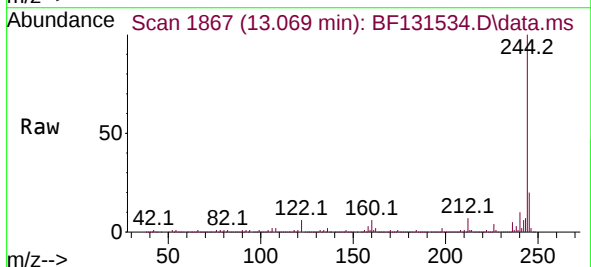
Tgt Ion:240 Resp: 230229
Ion Ratio Lower Upper
240 100
120 6.5 5.6 8.4
236 25.9 20.6 31.0

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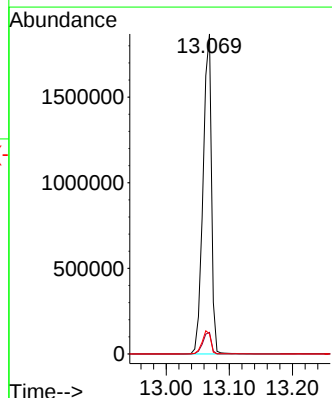
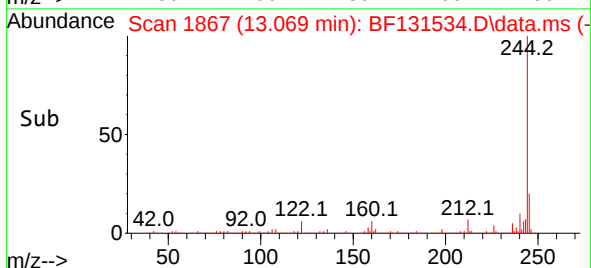
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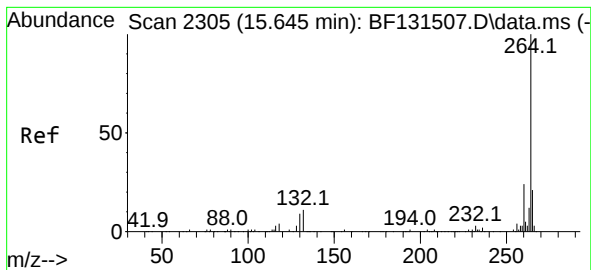


#79
Terphenyl-d14
Concen: 112.999 ng
RT: 13.069 min Scan# 1867
Delta R.T. 0.000 min
Lab File: BF131534.D
Acq: 06 Dec 2022 18:55



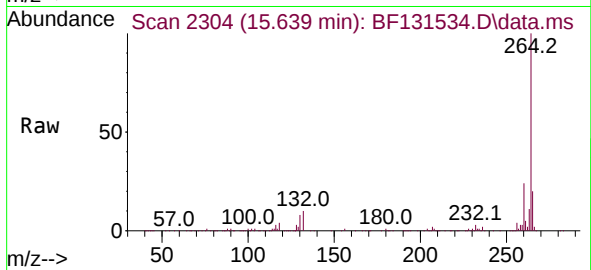
Tgt Ion:244 Resp: 1722692
Ion Ratio Lower Upper
244 100
212 6.7 5.7 8.5
122 6.3 5.4 8.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.639 min Scan# 2304
 Delta R.T. -0.006 min
 Lab File: BF131534.D
 Acq: 06 Dec 2022 18:55

Instrument :
 BNA_F
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Tgt Ion:264 Resp: 184466
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.4
 265 20.4 17.0 25.4

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